| Issue | Classificati | on |
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| Application No.  | Applicant(s) |  |
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| 10/608,194       | KWAK ET AL.  |  |
| Examiner         | Art Unit     |  |
|                  |              |  |
| Michelle Estrada | 2823         |  |

|          |                              | *              |             |          | i .  | 18          | SSU      | E C                               | LAS  | SIFI           | CAT           | TION        | 1          |        | :            |            |                                       | 0       |                 |  |
|----------|------------------------------|----------------|-------------|----------|--|-------------|----------|-----------------------------------|--|----------------|---------------|-------------|------------|--------|--------------|------------|---------------------------------------|---------|-----------------|--|
|          |                              | ORIGIN         | AL          | *        | ٠.   |             |          |                                   | . 4  |                |               | <del></del> |            | ENCE(S | S)           |            |                                       |         |                 |  |
| CLA      | ASS                          |                | SUBCL       | ASS      | С  | LASS        | 1        | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |                |               |             |            |        |              |            |                                       |         |                 |  |
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|          | INTERNATIONAL CLASSIFICATION |                |             |          |  |             |          |                                   |  |                | - I           | •.          |            | 11:    | 4 4          |            | 1.                                    | J.,     |                 |  |
|          | T                            | i              |             |          |  |             |          | . 31                              |  |                |               | . ;-        |            |        |              |            |                                       | +       |                 |  |
| н о      | 1                            | L              | 21/         | 00       |  |             |          |                                   | V /v   |                |               |             |            | ·      | 1 - 1        | <u> </u>   |                                       |         | -,              |  |
| - 25     | 2                            |                |             |          |  | 1 11 · 1    | 5 - 6    |                                   | . (8-)   |                |               |             | • 4        |        | *            | 30         | 8                                     | • •     |                 |  |
|          |                              | 30             | e = -1      | 1 2      |  |             |          |                                   | 1  |                |               |             |            |        | *            | 3          | 1                                     | ×       | 8 1             |  |
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|          | 1.                           |                |             | ,        |  | -           |          |                                   |  |                |               |             |            |        |              | 1          | ·                                     | o (61   | Ď               |  |
| 4        |                              | elle E         |             | r) (C    | 17/04<br>Date)                             |             |          | $\cap$                            | )<br>(<br>G                                      | July<br>Jeorge | L My<br>Fours | wh-         | * 8 · .    |        |              | Claim      | ns Allo                               |         | 13<br>.G.       |  |
| )<br>(Li | egali                        | UL)<br>nstrume | nts Exa     | 1 2 2 2  | 2 U<br>(Date                               | 100 100 100 |          | (Prir                             | F Pri  | mary           | Exam          |             | 9/18/      | 04     |              | t Claim(   | (s)                                   | Prin    | t Fig.<br>2c,2f |  |
|          | Claim                        | s renu         | mbere       | d in th  | ie sam                                     | e orde      | er as p  | oresen                            | ted by   | y appli        | cant          |             | PA         |        | ПΤ           | .D.        |                                       | □R      | .1.47           |  |
|          | <u></u>                      | A 2.           | 3           | <u></u>  |  |             |          | 7 m 4                             |  | -m             |               |             | 1          | 7      |              |            | rije <del>Ti</del> ll                 |         | ĺ               |  |
| Final    | Original                     |                | Final       | Original | 14 1 1 4<br>11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Final       | Original | . 70                              | Final  | Original       |               | Final       | Original   |        | Final        | Original   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Final   | Original        |  |
|          | 1                            | ].             |             | 31       |  |             | 61       |                                   |  | 91             | 1.5           |             | 121        |        |              | 151        |                                       |         | 181             |  |
|          | 2                            | 4              |             | 32       |  |             | 62       |                                   |  | 92             |               |             | 122        | E. 4   |              | 152        | ~ <u>, 4 - </u> .                     |         | 182             |  |
|          | 3                            | _              |             | 33       |  |             | 63       | -                                 |  | 93             |               |             | 123        |        |              | 153        | ' · X ·                               |         | 183             |  |
|          | 4                            | -              |             | 34       |  |             | 64<br>65 | ) :                               | <u> </u>   | 94<br>95       |               |             | 124<br>125 | . 4    |              | 154<br>155 |                                       |         | 184<br>185      |  |
|          | 5<br>6                       | -              |             | 35<br>36 |  |             | 66       | 400                               | <u> </u>   | 96             | ेंच           |             | 126        |        |              | 156        | 3                                     |         | 186             |  |
| 1        | 7                            |                |             | 37       | 0 - 9 5                                    |             | 67       |                                   | <u> </u>   | 97             | В             |             | 127        |        |              | 157        |                                       |         | 187             |  |
| 2        | 8                            | *              |             | 38       | i  |             | 68       |                                   |  | 98             |               |             | 128        |        |              | 158        |                                       |         | 188             |  |
| 3        | 9                            | 1              |             | 39       |  |             | 69       |                                   |  | 99             |               |             | 129        |        |              | 159        |                                       |         | 189             |  |
| 4        | 10                           |                |             | 40       |  |             | 70       |                                   |  | 100            | , .           |             | 130        |        |              | 160        | af.                                   |         | 190             |  |
| 5        | 11                           |                |             | 41       | 17   |             | 71       |                                   |  | 101            |               |             | 131        |        |              | 161        |                                       |         | 191             |  |
| 6        | 12                           |                | <u> </u>    | 42       | - 1  |             | 72       | 5                                 | -  | 102            | -             |             | 132        |        |              | 162        |                                       |         | 192             |  |
| 7        | 13                           |                | ·           | 43       |  |             | 73<br>74 |                                   |  | 103<br>104     |               |             | 133<br>134 | - 1"   |              | 163<br>164 | y.                                    | -       | 193<br>194      |  |
| 8        | 14<br>15                     | -              | <u> </u>    | 44       |  |             | 75       | -                                 |  | 105            |               |             | 135        |        |              | 165        |                                       |         | 195             |  |
| 10       | 16                           | ١.             | <del></del> | 46       | 1  |             | 76       |                                   | <del>                                     </del> | 106            |               |             | 136        | ,      | -            | 166        | , .                                   |         | 196             |  |
| 11       | 17                           | ١ .            |             | 47       |  |             | 77       | 1                                 | <u> </u>   | 107            |               |             | 137        | 1 .    |              | 167        |                                       |         | 197             |  |
| 12       | 18                           |                |             | 48       | •  |             | 78       | ]                                 |  | 108            |               |             | 138        | ]      |              | 168        | ÷                                     |         | 198             |  |
| 13       | 19                           | - 1            |             | 49       | ļ ·  |             | 79       | ]                                 |  | 109            |               |             | 139        |        |              | 169        |                                       |         | 199             |  |
|          | 20                           | _              |             | 50       | - 0.0                                      |             | 80       |                                   |  | 110            |               |             | 140        | 1      |              | 170        |                                       |         | 200             |  |
|          | 21                           | 4              | <u></u>     | 51       |  |             | 81       | -                                 |  | 111            |               |             | 141        | 1      |              | 171        |                                       |         | 201             |  |
|          | 22                           | 4              |             | 52       |  |             | 82       | ł                                 |  | 112            |               |             | 142        |        |              | 172        |                                       |         | 202             |  |
|          | 23<br>24                     | -              | <u> </u>    | 53<br>54 |  |             | 83<br>84 | 1                                 |  | 113<br>114     |               | _           | 143<br>144 |        | <u> </u>     | 173        | 1                                     |         | 203<br>204      |  |
| _        | 25                           | -              | H           | 55       |  |             | 85       | ŧ                                 |  | 115            |               |             | 144        | 1      | <del> </del> | 174        |                                       | -       | 205             |  |
|          | 26                           | 1              | <b>—</b>    | 56       |  |             | 86       | 1                                 |  | 116            |               |             | 146        |        |              | 176        | 1                                     | <b></b> | 206             |  |
|          | 27                           | 1              |             | 57       | 1  |             | 87       | 1                                 |  | 117            |               |             | 147        | 9      |              | 177        | *                                     |         | 207             |  |
|          | 28                           |                |             | 58       | ]  |             | 88       | ]                                 |  | 118            |               |             | 148        |        |              | 178        |                                       |         | 208             |  |
|          | 29                           | _              |             | 59       |  |             | 89       |                                   |  | 119            |               |             | 149        |        |              | 179        |                                       |         | 209             |  |
| 1        | 30                           | 1              | 1           | 60       | 1  |             | an.      | 1                                 | ı _  | 120            |               |             | 150        | ı      | 1            | 180        | í                                     |         | 210             |  |